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# **Bibliography**

- Ackerman, Frank. 1994. "Advance Disposal Fees and Incentives for Waste Reduction." *New Partnerships: Economic Incentives for Environmental Management*. Air and Waste Management Association.
- Ackerman, Frank, Dmitri Cavander, John Stutz, and Brian Zukerman. 1995. *Preliminary Analysis: The Costs and Benefits of Bottle Bills*. U.S. EPA Office of Solid Waste and Emergency Response. Draft Report. Boston: Tellus Institute.
- Acton, Joe. 1996. Personal communication. Environmental Protection Agency.
- Alberini, Anna and David Austin. 1999a. *Accidents Waiting to Happen: Liability Policy and Toxics Pollution Releases*. Resources for the Future. Discussion Paper No. 99-29.
- Alberini, Anna and David Austin. 1999b. "Strict Liability as a Deterrent in Toxic Waste Management: Empirical Evidence from Accident and Spill Data." *Journal of Environmental Economics and Management*. 38(1): 20-48.
- Amendola, Gary. Memo citing conversation with Gary Amendola. (as cited in TBS report, p. 12).
- American Farmland Trust. Center for Agriculture in the Environment. <a href="http://www.farmlandinfo.org/cae/home.html">http://www.farmlandinfo.org/cae/home.html</a>.
- Anderson, Robert. 1977. "Economic Incentives for the Recovery of Secondary Lead." *Resource Recovery and Conservation*. 2: 193-209.
- Anderson, Robert C., Mike Rusin, and Lisa Hoffman. 1990. *The Use of Economic Incentive Mechanisms in Environmental Management*. American Petroleum Institute. Research Paper No. 051. June. http://www.api.org/cat/.
- Anderson, Robert and Mark Rockel. 1991. *Economic Valuation of Wetlands*. American Petroleum Institute. Discussion Paper No. 065. April. <a href="http://www.api.org/cat/">http://www.api.org/cat/</a>.
- Anderson, Robert. 1994. Federal Subsidies for Alternative Fuels and Alternative Fuel Vehicles. American Petroleum Institute. Discussion Paper No. 076. September. <a href="http://www.api.org/cat/">http://www.api.org/cat/</a>.
- Anderson, Robert and Andrew Lohof. 1997. *The United States Experience With Economic Incentives in Environmental Pollution Control Policy*. Environmental Law Institute. Washington, D.C. EE-0216A. <a href="http://www.epa.gov/economics">http://www.epa.gov/economics</a>
- Anderson, Robert. 1999. *Economic Savings from Using Economic Incentives for Environmental Pollution Control*. Environmental Law Institute. Washington, D.C. EE-0415. http://www.epa.gov/economics.
- Arner, Robert and Kimberly Davis. 1994. *Northern Virginia Variable Rate Demonstration Project: "Pay as you throw" Interim Report*. Northern Virginia Planning District Commission. 17 May.
- Arnold, Frank. 1995. *Economic Analysis of Environmental Policy and Regulation*. New York: John Wiley and Sons, Inc.
- Arora, Seema and Timothy N. Cason. September 1995. *Why Do Firms Overcomply with Environmental Regulations? Understanding Participation in EPA's 33/50 Program.* Resources for the Future. Discussion Paper No. 95-38. <a href="http://www.rff.org/disc\_papers/abstracts/9538.htm">http://www.rff.org/disc\_papers/abstracts/9538.htm</a>.
- Atkinson, Scott and D. Lewis. 1974. "A Cost-Effectiveness Analysis of Alternative Air Quality Control Strategies." *Journal of Environmental Economics and Management*. 1: 237-250.
- Atkinson, Scott and Tom Tietenberg. 1991. "Market Failure in Incentive-Based Regulation: The Case of Emissions Trading." *Journal of Environmental Economics and Management*. 21: 17-32.

- Barrett, Julia. 1996. Personal communication. Wisconsin Department of Natural Resources. May.
- Barthold, Thomas A. 1994. "Issues in the Design of Environmental Excise Taxes." *Journal of Economic Perspectives*. 8(1).
- Baton Rouge Advocate. 1995. "DNR Sets New Rules for Wetlands Mitigation." August 27.
- Batteese, Robert. 1988. *Returnable Pesticide Containers: Maine's Deposit and Collection System*. Maine Board of Pesticides Control. Unpublished speech. October.
- Batteese, Robert. 1996. Personal communication. Maine Board of Pesticides Control.
- Bauer, Scott and Marie Lynn Miranda. 1996. *The Urban Performance of Unit Pricing: An Analysis of Variable Rates for Residential Garbage Collection in Urban Areas*. Report prepared for Office of Policy, Planning and Evaluation, U.S. Environmental Protection Agency. April. EE-0304. <a href="http://www.epa.gov/economics.">http://www.epa.gov/economics.</a>
- Beverage World 1995-1996 Databank.
- Blackman, Allen and Janice Mazurek. 1999. *The Cost of Developing Site-Specific Environmental Regulation: Evidence from EPA's Project XL*. Resources for the Future. Discussion Paper No. 99-35.
- Bohi, Douglas R. and Dallas Burtraw. 1997. SO<sub>2</sub> Allowance Trading: How Experience and Expectations Measure Up. Resources for the Future. Discussion Paper No. 97-24.
- Bonderud, Kendra and Ron Shanovich. 1995. *Solid Waste Recycling and Waste Reduction*. State of Wisconsin Legislative Fiscal Bureau. January.
- Boroski, Rob. 1996. Personal communication. Texas Natural Resource Conservation Commission.
- Boyd, James, Alan Krupnik, and Janice Mazurek. 1998. *Intel's XL Permit: A Framework for Evaluation*. Resources for the Future. Discussion Paper No. 98-11.
- Boyd, James. 1998. Searching for the Profit in Pollution Prevention: Case Studies in the Corporate Evaluation of Environmental Opportunities. Resources for the Future. Discussion Paper No. 98-30.
- Brooks, Greg. 1996. 91 Express Lanes Transponder Distribution Ahead of Schedule: Transponders in Use on World's First Fully Automated Toll Road Ahead of Forecasts by Four Months. Congestion Pricing Forum release. 19 March.
- Brooks. 1996. Untitled. CPTC Earthlink Release. www.iti.nwu.edu/clear/high/toll.txt.
- Brown, Kelly M., Ronald Cummings, Janusz R. Mrozek, and Peter Terrebonne. Forthcoming. "Scrap Tire Disposal: Three Principles for Policy Choice." *The Natural Resources Journal*.
- Buist, Henry, Carolyn Fischer, John Michos, and Abebayehu Tegene. Undated. *Purchase of Development Rights and the Economics of Easements*. USDA Economic Research Service AER-718.
- Burtraw, Dallas. 1995. Cost Savings Sans Allowance Trades? Evaluating the SO<sub>2</sub> Emission Trading Program to Date. Resources for the Future. Discussion Paper No. 95-30.
- Burtraw, Dallas. 1998. "Cost Savings, Market Performance, and Economic Benefits of the U.S. Acid Rain Program." Resources for the Future. Discussion Paper 98-28. www.rff.org/disc papers/PDF files/9828rev.pdf.
- Button, Kenneth. 1994. "Road User Charging With Particular Reference to Urban Areas." *Applying Economic Instruments to Environmental Policies in OECD and Dynamic Non-Member Economies*. OECD.
- Cadmus Group. 1999. Characterization of Selected EPA Partnership Programs.

- Cain, Charles. 1998. "Bottle deposit fraud costs Michigan millions that could be spent on environment." *The Detroit News.* 31 August.
- California. 1986. Safe Drinking Water and Toxic Enforcement Act of 1986. <a href="http://www.oehha.ca.gov/prop65/law/p65.html">http://www.oehha.ca.gov/prop65/law/p65.html</a>.
- California Air Resources Board. *Hot Spots (AB 2588) Program*. Air Toxics. http://www.arb.ca.gov/ab2588/ab2588.htm.
- California Attorney General's Office. 1996. *Proposition 65 Litigation*. Unpublished document. Oakland. 1 May.
- California Department of Toxic Substances. 1996. *Hazardous Waste Fee Summary Effective January 1, 1996.*
- California EPA. 1996a. "305 State Businesses Win Awards for Reducing Waste." 1996. *CAL/EPA Report* 5. No. 1/2. January/February.
- California EPA. 1996b. State Waste Board Lowers Interest Rate on Recycling Loan. March.
- California EPA. 2000. Office of Health Hazard Assessment. *Chemicals Known To The State To Cause Cancer Or Reproductive Toxicity*. 4 August. <a href="http://www.oehha.ca.gov/prop65/pdf/80400LSTA.pdf">http://www.oehha.ca.gov/prop65/pdf/80400LSTA.pdf</a>.
- California LAO. *LAO Analysis of the 1995-96 Budget Bill, Resources, Part II*. <a href="http://www.lao.ca.gov/a96b2.html">http://www.lao.ca.gov/a96b2.html</a>.
- California Pollution Control Financing Authority. Various informational brochures.
- California Waste Reduction Awards Program. 1999 WRAP of the Year. http://www.ciwmb.ca.gov/WRAP/WOTY/woty99.htm.
- California Water Resources Control Board. *Schedule of Fees for Bay Protection and Toxic Cleanup Program*. http://www.swrcb.ca.gov/fesfund/fees/feebptc.doc.
- Cameron, Michael. 1991. *Transportation Efficiency: Tackling Southern California's Air Pollution and Congestion*. Environmental Defense Fund and Regional Institute of Southern California. March.
- Cantor Fitzgerald Environmental Brokerage Services. *Documents on Emissions Trading*. http://www.cantor.com/ebs/.
- Carlin, Alan. 1992. *The United States Experience With Economic Incentives To Control Environmental Pollution*. EPA Office of Policy Planning and Evaluation. July. EE-0216. <a href="http://www.epa.gov/economics">http://www.epa.gov/economics</a>.
- Carlson, Curtis, Dallas Burtraw, Maureen Cropper and Karen Palmer. 2000. "Sulfur Dioxide Control by Electric Utilities: What are the Gains form Trade? Resources for the Future. DP 98-44-rev. <a href="https://www.rff.org/disc\_papers/PDF\_files/9844rev.pdf">www.rff.org/disc\_papers/PDF\_files/9844rev.pdf</a>.
- Carraway, Candace. 1996. Personal communication. Environmental Protection Agency.
- Cason, Timothy. 1995. "An Experimental Investigation of the Seller Incentives in the EPA's Emission Trading Auction." *American Economic Review:* 905-922.
- Chance, Clifford. 1995. *Economic and Fiscal Instruments and the Environment: the Example of ECO-taxes*. Summer. <a href="http://www.cliffordchance.com/eer-f02.htm">http://www.cliffordchance.com/eer-f02.htm</a>.
- Charles River Associates. 1991. *Policy Alternatives for Reducing Petroleum Use and Greenhouse Gas Emissions*. Boston.
- Chemical Manufacturers Association. *Documents on Responsible Care*. <a href="http://www.cmahq.com/">http://www.cmahq.com/</a>.

- Clarke, Stephen F. 1992. "International Comparison of the Tax Treatment of Pollution-Control Investment." *U.S. Environmental Policy and Economic Growth: How Do We Fare?* American Council for Capital Formation Center for Policy Research. March.
- Coase, Ronald H. 1960. "The Problem of Social Cost." Journal of Law and Economics. 3: 1-44.
- Cody, Betsy A. 1994. *Grazing Fees: A Primer*. Congressional Research Service. December. http://www.cnie.org/nle/ag-5.html.
- Congressional Budget Office. 1985. *Hazardous Waste Management: Recent Changes and Policy Alternatives*. Government Printing Office.
- Congressional Research Service (CRS). 1994. Market-Based Environmental Management: Issues in Implementation. March.
- Congressional Research Service (CRS). 1996. *Report for Congress Grazing Fees: An Overview*. 96-450 ENR. 21 May. <a href="http://www.cnie.org/nle/ag-5.html">http://www.cnie.org/nle/ag-5.html</a>.
- Congressional Research Service (CRS). 1998. Global Climate Change: The Energy Tax Incentives in the President's FY1999 Budget. 98-193E.
- Consumer Reports. various issues.
- Container Recycling Institute. 1994. Beverage Container Reuse and Recycling in Europe: A Survey of Nine Countries. April.
- Cook, Elizabeth. 1996. Making a Milestone in Ozone Protection. World Resources Institute. January.
- Cooney, John F. et al. 1996. Criminal Enforcement of Environmental Laws. in *Environmental Crimes Deskbook*. Washington D.C.: Environmental Law Institute.
- Council of Economic Advisors. 1996. Economic Report of the President.
- Council on Environmental Quality. Regulations for Implementing NEPA. <a href="http://ceq.eh.doe.gov/nepa/regs/ceq/toc\_ceq.htm">http://ceq.eh.doe.gov/nepa/regs/ceq/toc\_ceq.htm</a>.
- Crandall, Robert W., H.K. Gruenspecht, T.E. Keeler, and L.B. Lave. 1986. *Regulating the Automobile*. Washington D.C.: The Brookings Institution.
- Criner, George K., Steven L. Jacobs, and Stephanie R. Peavey. 1991. *An Economic and Waste Management Analysis of Maine's Bottle Deposit Legislation*. Maine Agricultural Experiment Station Miscellaneous Report 358. April.
- Criner, George, Stephanie Seguino, Margarita Suarez, Jeff Young, Robert McKay, and Christopher Spruce. 1995. *Solid Waste Management (SWM) Options: The Economics of Variable Cost and Conventional Pricing Systems in Maine*. June.
- Crocker, Thomas. 1966. "The Structuring of Air Pollution Control Systems" in: H. Wolozin ed. *The Economics of Air Pollution*. New York: W.W. Norton.
- Crookshank, Steven. 1994. Air Emissions Banking and Trading: Analysis and Implications for Wetland Mitigation Banking. American Petroleum Institute. Discussion Paper No. 074.
- Crookshank, Steven. *1995. Alternative Wetland Mitigation Programs*. American Petroleum Institute. Discussion Paper No. 077. <a href="http://www.api.org/cat/">http://www.api.org/cat/</a>.
- Cropper, Maureen and Wallace Oates. 1992. "Environmental Economics: A Survey." *Journal of Economic Literature*. 30: 675-740.
- Dahl, T.E. 1979. Wetlands Losses in the United States, 1780's to 1980's. Washington, D.C.: U.S. Department of the Interior, Fish and Wildlife Service.

- DEN (Daily Environment News). various issues. published by the Bureau of National Affairs.
- Dales, John. 1968. Pollution, Property and Prices. Toronto: University of Toronto Press.
- David, Martin, Wayland Eheart, Erhard Joeres, and Elizabeth David. 1977. *Marketable Permits for the Control of Phosphorus Effluent in Lake Michigan*. Social Science Research Institute Working Paper. University of Wisconsin.
- Davies, Terry and Janice Mazurek. 1996. *Industry Incentives for Environmental Improvement: Evaluation of U.S. Federal Initiatives*. Washington D.C.: Global Environmental Management Initiative.
- DOE (Department of Energy). 1996. *Clean Cities Guide to Alternative Fuel Vehicle Incentives & Laws*. <a href="http://www.ccities.doe.gov/">http://www.ccities.doe.gov/</a>.
- Dewees, Donald. 1983. Instrument Choice in Environmental Policy. Economic Inquiry. 9(2): 323-31.
- Deyle, Robert and Stuart Bretschneider. 1990. Public Policy Impacts on the Generation and Disposal of Hazardous Waste in New York State. *Journal of the Air and Waste Management Association*. 40: 462-468.
- Dower, Roger C. 1995. *The Right Economic Instrument for the Right Task: The Case of Pollution Fees and Information Programs*. World Resources Institute. Comision Nacional del Medio Ambiente. Draft report. July.
- Dudek, Daniel and John Palmisano. 1988. "Emissions Trading: Why is This Thorough-bred Hobbled?" *Columbia Journal of Environmental Law.* 13:217-56.
- Dudra, Paul. 1996. Personal communication. Rhode Island Department of Environmental Management.
- Duhl, Joshua. 1993. *Effluent Fees: Present Practice and Future Potential*. American Petroleum Institute. Discussion Paper No. 075. December. <a href="http://www.api.org/cat/">http://www.api.org/cat/</a>.
- Eheart, Wayland, E. Downey Brill, Jr., and Randolph M. Lyon. 1983. "Transferable Discharge Permits for Control of BOD: An Overview." In Erhard F. Joeres and Martin H. David, eds. *Buying a Better Environment: Cost-Effective Regulation through Permit Trading*. Madison: University of Wisconsin Press.
- Ellerman, A. Denny, Richard Schmensee, Paul Jaskow, Juan Pablo Montero and Elizabeth Bailey. 1997. Emissions Trading Under the U.S. Acid Rain Program: Evaluation of Compliance Costs and Allowance Market Performance. MIT Center for Energy and Environmental Policy Research.
- Ellerman, A. Denny, et al. 2000. *Markets for Clean Air: The U.S. Acid Rain Program*. Cambridge University Press.
- Environmental Defense Fund. 1995. *New Highway Uses Economic Incentives to Stem Air Pollution*. press release. 7 December. http://www.edf.org/pubs/NewsReleases/1995/Dec/catoll.html.
- Environmental Law Institute. 1993a. *Information Access Mechanisms: Collecting and Disseminating The Information Necessary for Environmental Protection*. June.
- Environmental Law Institute. 1993b. New State and Local Approaches to Environmental Protection. August.
- Environmental Law Institute. 1993c. Wetland Mitigation Banking.
- Environmental Law Institute. 1995. An Analysis of State Superfund Programs: 50-State Study, 1995 Update.
- EPA. Acid Rain Program. http://www.epa.gov/acidrain/ardhome.html.

- EPA. *Monthly Average Price of Sulfur Dioxide Allowances*. Acid Rain Program. <a href="http://www.epa.gov/acidrain/ats/prices.html">http://www.epa.gov/acidrain/ats/prices.html</a>.
- EPA. Brownfields Cleanup Revolving Loan Fund Pilots. http://www.epa.gov/swerosps/bf/rlflst.htm#list.
- EPA. Effluent Trading in Watersheds Policy Statement. http://www.epa.gov/owow/watershed/trading.htm.
- EPA. *Partner Success Stories*. Energy Star Buildings. http://www.epa.gov/buildings/esbhome/newsroom/case\_studies.html.
- EPA. Brownfields. Office of Solid Waste and Emergency Response. <a href="http://www.epa.gov/brownfields/">http://www.epa.gov/brownfields/</a>.
- EPA. *Answers to Frequently Asked Questions*. Brownfields. Office of Solid Waste and Emergency Response. <a href="http://www.epa.gov/swerosps/bf/">http://www.epa.gov/swerosps/bf/</a>.
- EPA. Total Maximum Daily Load Program. Office of Water. <a href="http://www.epa.gov/owow/tmdl/index.html">http://www.epa.gov/owow/tmdl/index.html</a>.
- EPA. *The Clean Water State Revolving Fund (SRF) Program*. Office of Water. <a href="http://www.epa.gov/owm/finan.htm#whatwedo">http://www.epa.gov/owm/finan.htm#whatwedo</a>.
- EPA. *Effluent Trading in Watersheds*. Reinvention Activity Fact Sheets. http://www.epa.gov/reinvent/notebook/etw.htm.
- EPA. EPA's Voluntary Programs: A Summary List Prepared by the 33/50 Program. Undated internet document (no longer on the web site).
- EPA. Water Alliances for Voluntary Efficiency (WAVE). http://www.epa.gov/owm/faqw.htm.
- EPA. 1980. *Emissions Reductions Banking and Trading Update 2*. Office of Air Noise and Radiation. Washington, D.C.
- EPA. 1984. The Feasibility and Desirability of Alternative Tax Systems for Superfund: CERCLA Section 301(a)(1)(G) Study.
- EPA. 1986. Emissions Trading Policy Statement; General Policies for Creation, Banking, and Use of Emission Reduction Credits; Final Policy Statement and Accompanying Technical Issues Document. 51 FR 43814-60. 4 December.
- EPA. 1988. CFC Regulatory Impact Analysis. Vol. 2.
- EPA. 1991. *Economic Incentives: Options for Environmental Protection*. Office of Policy, Planning, and Evaluation. EE-0315. March. <a href="http://www.epa.gov/economics">http://www.epa.gov/economics</a>.
- EPA. 1992a. Guidelines for Oxygenated Credit Programs and Guidelines on Establishment of Control Periods. Section (m) of the Clean Air Act as Amended. 57 Federal Register 47853.
- EPA. 1992b. *Final Rule on Early Reduction of Hazardous Air Pollut*ants. 57 Federal Register 61970. 29 December.
- EPA. 1993a. *Status Report on the Use of Environmental Labels Worldwide*. Office of Pollution Prevention and Toxics. September.
- EPA. 1993b. WasteWise: EPA's Voluntary Program for Reducing Business Solid Waste. Office of Solid Waste and Emergency Response. October.
- EPA. 1994a. *Determinants of Effectiveness for Environmental Certification and Labeling Programs*. Office of Pollution Prevention and Toxics. April.
- EPA. 1994b. Landfill Methane Outreach Program. Office of Air and Radiation. April.

- EPA. 1994c. *Metal Recovery, Environmental Regulation and Hazardous Wastes*. Office of Solid Waste and Emergency Response. June.
- EPA. 1994d. *The Climate Is Right for Action: Voluntary Programs to Prevent Atmospheric Pollution*. Office of Air and Radiation. August.
- EPA. 1994e. Federal Disincentives: A Study of Federal Tax Subsidies and Other Programs Affecting Virgin Industries and Recycling. Office of Policy, Planning, and Evaluation. August.
- EPA. 1994f. Introducing WAVE Water Alliances for Voluntary Efficiency: Hotel Water Management for the 21st Century. Office of Water. September.
- EPA. 1994g. Introducing. The Energy Star Buildings Program. Office of Air and Radiation. November.
- EPA. 1994h. *Update: Energy Star Showcase Buildings*. Office of Air and Radiation. EPA 430-F-94-027. November.
- EPA. 1995a. *The Clean Water State Revolving Fund: Financing America's Environmental Infrastructure- -A Report of Progress.* Office of Water. EPA 832-95-R-001. January.
- EPA. 1995b. March "Opting Into the Acid Rain Program; Final Rule." 60 FR 17100. www.epa.gov/docs/fedrgstr/EPA-AIR/1995/April/Day-04/pr-537.html.
- EPA. 1995c. *Expanding Community Right-to-Know: Recent Changes in the Toxics Release Inventory*. Office of Pollution Prevention and Toxics. March.
- EPA. 1995d. *Enforcement and Compliance Assurance Accomplishments Report: FY 1994.* Office of Enforcement and Compliance Assurance. May.
- EPA. 1995e. Green Lights Fourth Annual Report. Office of Air and Radiation. June.
- EPA. 1995f. Summary Report to the President: The Presidential Regulatory Reform Initiative. 15 June. (Reprinted in Daily Environment News. 23 June 1995).
- EPA. 1995g. Open Market Trading Rule for Ozone Smog Precursors. 60 FR 39668. 3 August.
- EPA. 1995h. *Pollution Prevention Incentives for States: Grant Summaries 1989-1995*. Office of Pollution Prevention and Toxics. September.
- EPA. 1995i *Expansion of Toxic Release Inventory, TRI Phase 3*. Office of Pollution Prevention and Toxics. (Reprinted in Daily Environment News. 10 October 1995).
- EPA. 1995j. Human Health Benefits From Sulfate Reductions Under Title IV Of The 1990 Clean Air Act Amendments. Office of Air and Radiation. November.
- EPA. 1996a. *Partnerships in Preventing Pollution: A Catalogue of the Agency's Partnership Programs*. Office of the Administrator. Spring.
- EPA. 1996b. *Consumer Labeling Initiative Phase II Report*. March. <a href="http://www.epa.gov/opptintr/labeling/cliphase2/index.html">http://www.epa.gov/opptintr/labeling/cliphase2/index.html</a>.
- EPA. 1996c. 1994 Toxics Release Inventory: Public Data Release. Office of Pollution Prevention and Toxics. June.
- EPA. 1996d. Project XL: Final Project Agreement for the Intel Corporation Ocotillo (Chandler) Site.
- EPA. 1997a. Control of Air Pollution from New Motor Vehicles and New Motor Vehicle Engines. State Commitments to National Low Emission Vehicle Program. 16 December.
- EPA. 1997b. Community Water System Survey, Volume I: Overview. Office of Water. EPA 815-R-97-001a.

- EPA. 1998a. "Economic Analysis of the Proposed Rule to Modify Reporting of Persistent Bioaccumulative Toxic Chemicals Under EPCRA Section 313." Economic and Policy Analysis Branch, Economics, Exposure and Technology Division, Office of Pollution Prevention and Toxics.
- EPA. 1998b. A Catalog of the Agency's Partnership Programs. EPA 100-B-97-003.
- EPA. 1998c. National Air Quality and Emissions Trends Report, 1998. www.epa.gov/oar/agtrnd98.
- EPA. 1999a. *Cumulative U.S. Clean Water SRF Investment*. Office of Water. 15 October. <a href="http://www.epa.gov/r5water/cwsrf/pdf/invus.pdf">http://www.epa.gov/r5water/cwsrf/pdf/invus.pdf</a>.
- EPA. 1999b. Findings of Significant Contribution and Rulemaking on Section 126 Petitions for Purposes of Reducing Interstate Ozone Transport. 63 Federal Register 57356. 17 December.
- EPA. 1999c. Report to Congress Regarding EPA's Climate Change Activities. p. 35.
- EPA. 1999d. Aiming for Excellence.
- EPA. 2000a. *Innovations in Environmental Management*. Office of Policy, Economics and Innovation. <a href="http://www.epa.gov/opei/industry/">http://www.epa.gov/opei/industry/</a>.
- EPA. 2000b. Control of Air Pollution from New Motor Vehicles: Tier 2 Motor Vehicle Emission Standards and Gasoline Sulfur Control Requirements; Final Rule. 65 FR 28 6697-6746. 10 Feb.
- EPA. 2000c. Report to Congress Regarding EPA's Climate Change Activities. 24 February.
- EPA. 2000d. TRI 1998 Data Release. May. http://www.epa.gov/tri/tri98/.
- EPA. 2000e. *Power to Make A Difference: Energy Star and Other Partnerships: 1999.* Climate Protection Division. EPA 430-R-00-006. July.
- Environment Reporter. various issues.
- Ernst & Young. 1994 National Water & Wastewater Rate Survey.
- Executive Office of the President. 1993. Environmental Quality: The Twenty-Fourth Annual Report of the Council on Environmental Quality.
- Executive Office of the Present, Executive Order 11821. 1974. "Inflation Impact Statements." 39 FR 41501.
- Executive Office of the Present, Executive Order 11949. 1976. "Economic Impact Statements." 42 FR 1017.
- Executive Office of the Present, Executive Order 12044. 1978. "Improving Government Regulations." 43 FR 12261.
- Executive Office of the Present, Executive Order 12291. 1981. "Federal Regulation." 46 FR 13193.
- Executive Office of the Present, Executive Order 12548. 1986. "Grazing Fees." 51 FR 5985. 14 February.
- Executive Office of the Present, Executive Order 12866. 1993. "Regulatory Planning and Review." 58 FR 51735.
- Executive Office of the Present, Executive Order 13101. 1998. "Greening the Government through Waste Prevention, Recycling, and Federal Acquisition." 63 FR 49643. www.nara.gov/fedreg/eo1998.html.
- Executive Office of the Present, Executive Order 13123. 1999. "Greening the Government through Efficient Energy Management." 64 FR 30851. www.nara.gov/fedreg/eo1999.html.
- Executive Office of the Present, Executive Order 13134. 1999. "Developing and Promoting Biobased Products and Energy." 64 FR 44639 <a href="https://www.nara.gov/fedreg/eo1999.html">www.nara.gov/fedreg/eo1999.html</a>.

Executive Office of the Present, Executive Order 13148. 2000. "Greening the Government through Leadership in Environmental Management." 65 FR 24595 <a href="https://www.nara.gov/fedreg/eo2000.html">www.nara.gov/fedreg/eo2000.html</a>.

Faeth, Paul. 2000. Fertile Ground: Nutrient Trading's Potential to Cost-Effectively Improve Water Quality. Washington D.C.: World Resources Institute.

Federal Highway Administration. 1996a. BUYLINE: Congestion Pricing Updates. Spring.

Federal Highway Administration. 1996b. Congestion Pricing Notes. Spring.

Federal Trade Commission. 1994. FTC Updates Energy-Usage Disclosures for Home Appliances. News release. 24 May.

Ferguson, Amanda. 1996. Personal communication. Environmental Protection Agency.

Fertilizer Institute. Unpublished list of state fertilizer taxes.

Field, Barry C. 1994. Environmental Economics: An Introduction. New York: McGraw Hill.

Financial Times. various issues.

Florida Department of Environmental Protection. 1995. *Waste Tires in Florida: State of the State*. October.

Flowers, John. 1996a. Memorandum on WAVE program to Michelle Price of the EPA. 25 April.

Flowers, John. 1996b. Personal communication. EPA.

Fortney, Catherine S. 1996. Personal communication. Bay Area Air Quality Management District.

Foster, Vivien and Robert Hahn. 1995. "Designing More Efficient Markets: Lessons from Los Angeles Smog Control." *The Journal of Law and Economics*. 38: 19-31.

Franklin, Pat. 1996. Personal communication. Container Recycling Institute. April.

Freedgood, Julia. 1991. "PDR programs take root in the Northeast." *Journal of Soil and Water Conservation*. 46(5).

Freeman III, A. Myrick. 1990. "Water Pollution Policy." *Public Policies for Environmental Protection*. Portney, Paul, ed. Resources for the Future.

Frisvold, George B. and Peter Condon. 1994. "Biodiversity Conservation and Biotechnology Development Agreements." *Contemporary Economic Policy*. 7.

Fullerton, Don and Thomas C. Kinnaman. 1995. "Garbage, Recycling, and Illicit Burning or Dumping." *Journal of Environmental Economics and Management.* 29(1).

Fullerton, Don. 1995. *Why Have Separate Environmental Taxes?* National Bureau of Economic Research. Working Paper No. 5380.

GAO. (General Accounting Office) 1990. Solid Waste: Trade-offs Involved in Beverage Container Deposit Legislation. November.

GAO. 1994a. *Toxic Substances: EPA Needs More Reliable Source Reduction Data and Progress Measures.* GAO/RCED-94-93. September.

GAO. 1994b. *Electric Vehicles: Likely Consequences of U.S. and Other Nations' Programs and Policies*. GAO/PEMD-95-7. December.

GAO. 1995a. Solid Waste: State and Federal Efforts to Manage Nonhazardous Waste. GAO/RCED-95-3. February.

- GAO. 1995b. Conservation Reserve Program: Alternatives Are Available for Managing Environmentally Sensitive Cropland. GAO/RCED-95-42. February.
- GAO. 1995c. *Agricultural Conservation: Status of Programs That Provide Financial Incentives*. GAO/RCED-95-169. April.
- GAO. 1995d. *Animal Agriculture: Information on Waste Management and Water Quality Issues*. GAO/RCED-95-200BR. June.
- GAO. 1996a. Water Pollution: Differences Among the States in Issuing Permits Limiting the Discharge of Pollutants. GAO 96-42. January
- GAO. 1996b. An Integrated Approach Could Reduce Pollution and Increase Regulatory Efficiency. GAO/RCED-96-41.
- GAO. 1996c. Clean Water Act: Use of State Revolving Funds Varies. GAO/T-RCED-96-140. April.
- GAO. 1997a. Superfund: State Voluntary Programs Provide Incentives to Encourage Cleanups. GAO/RCED-97-66.
- GAO. 1997b. Environmental Protection: Challenges Facing EPA's Efforts to Reinvent Environmental Regulation. RCED-97-155.
- GAO. 1999. Climate Change: Observations on the April 1999 Report on Climate Change Programs. GAO/T-RCED-99-1999.
- Gibbons, Diana C. 1986. The Economic Value of Water. Washington, DC: Resources for the Future.
- Girasole, Rich. 1996. Personal communication. Rhode Island Department of Environmental Management.
- Goldhammer, Earl, Jerry O. Allen, Mark G. Ancel, Mark A. Engel, Duane T. Phillips, and Raymond P. Reichert. 1995. *State Tax Treatment of Pollution Control Equipment -- A Survey and Commentary*. American Bar Association State and Local Taxes Subcommittee. August.
- Goldstone, James. 1996. California Pollution Control Financing Authority. Personal communication.
- Goulder, Lawrence H., Ian W. H. Parry, Roberton C. Williams III, and Dallas Burtraw. 1998. *The Cost-Effectiveness of Alternative Instruments for Environmental Protection in a Second-Best Setting*. Resources for the Future. Discussion Paper No. 98-22.
- Green, David L. 1990. "CAFE or PRICE?: An Analysis of the Effects of Federal Fuel Economy Regulations and Gasoline Price on New Car MPG, 1978-90." *The Energy Journal*. 11(3): 37-57.
- Green Scissors Campaign of Citizens United to Terminate Subsidies (CUT). 1995. *Sacred Cows: Grazing Fees -- Fair Market Value*. January.
- Green Seal. Various documents and web site. http://www.greenseal.org/
- Greening, Lorna A., Alan H. Sanstad, and James E. Hanson. 1997. "Effects of Appliance Standards on Product Price and Attributes: An Hedonic Pricing Model." *Journal of Regulatory Economics*. 11: 181-194.
- Grocery Manufacturers of America. 1995. *GMA Praises Florida Legislature for Killing Two-Cent* 'Container' Tax. Internet press release. 12 May.
- Guerrero, Peter F. 1995. *Status of Natural Resource Damage Claims*. Testimony (for GAO) Before the Subcommittee on Commerce, Trade, and Hazardous Materials, Committee on Commerce, House of Representatives. 20 June.
- Hahn, Robert and Gordon Hester. 1989. "Where Did All the Markets GO? An Analysis of EPA's Emissions Trading Program." *Yale Journal on Regulation*. 16: 109-153.

- Hahn, Robert and Roger Noll. 1982. "Designing a Market for Tradable Emissions Permits." *Reform of Environmental Regulation*: 132-133.
- Hahn, Robert. 1989. "Economic Prescriptions for Environmental Problems: How the Patient Followed the Doctor's Orders." *Economic Perspectives*. 3: 95-114.
- Hahn, Robert. 1995. "Choosing Among Fuels and Technologies for Cleaning Up the Air." *Journal of Policy Analysis*: 533-551.
- Hahn, Robert. 2000. "The Impact of Economics on Environmental Policy." *Journal of Environmental Economics and Management*. 39(2): 375-399.
- Hamilton, James. 1995. "Pollution as News: Media and Stock Market Reactions to the Toxics Release Inventory Data." *Journal of Environmental Economics and Management* 28: 98-113.
- Hamilton, Randy. 1996. Personal communication. Texas Natural Resource Conservation Commission. June.
- Harris, Jeffrey P. and Nancy Casey-McCabe. Undated. *Energy-Efficient Product Labeling: Market Impacts on Buyers and Sellers*. Lawrence Berkeley National Laboratory, Energy and Environment Division.
- Harrison, David. 1983. "The Regulation of Aircraft Noise." *Incentives for Environmental Protection*. Thomas Schelling, ed. Cambridge, MA: MIT Press.
- Helfand, Gloria E. 1994. "The Role of Information as an Incentive for Environmental Control." *New Partnerships: Economic Incentives for Environmental Management*. Air and Waste Management Association.
- Hendricksen, Toni. 1996. Personal communication. New Jersey Department of Law and Public Safety. May.
- Henriques, Irene and Perry Sadorski. 1996. "The Determinants of an Environmentally Responsible Firm." *Journal of Environmental Economics and Management*. 30(3).
- Hewitt, Julie A. and W. Michael Hanemann. 1995. "A Discrete/Continuous Choice Approach to Residential Water Demand under Block Rate Pricing." *Land Economics*. 71(2): 173-192.
- Hewitt, Julie A. 2000. "An Investigation into the Reasons Why Water Utilities Choose Particular Residential Rate Structures." in *The Political Economy of Water Pricing Reforms*. Ariel Dinar, ed. Oxford University Press.
- Hickle, Garth. 2000. "Whose Responsibility?" Environmental Forum. 17(4).
- Hoag, Dana and Jennie Hughes-Popp. 1997. "Theory and Practice of Pollution Credit Trading." *Review of Agricultural Economics*. 19(2).
- Hodge, Ian. 1995. Environmental Economics. St. Francis Press. New York.
- Hoerner, J. Andrew. 1995. "Life and Taxes." The Amicus Journal.
- Hoerner, J. Andrew. 1998. *Harnessing the Tax Code for Environmental Protection: A Survey of State Initiatives*. World Resources Institute.
- Huslin, Anita. 2000. "MD Seeks to Convert Farmland Into Wetland." The Washington Post. 11 August.
- ICF Resources. 1989. Economic Analysis of Title V of the Administration's Proposed Clean Air Act Amendments.

- ICF Resources. 1989. *Economic, Environmental, and Coal Market Impacts of SO2 Emissions Trading under Alternative Acid Rain Control Proposals*. Prepared for the Regulatory Innovations Staff, Office of Policy, Planning and Evaluation, U.S. EPA.
- Illinois Department of Nuclear Safety. *Radon Program Strives to Increase Public Awareness*. <a href="http://www.state.il.us/idns/radon/prgdescr/radonprg.htm">http://www.state.il.us/idns/radon/prgdescr/radonprg.htm</a>.
- Illinois EPA. 1995. Design for VOC Emissions Trading System.
- Innovations in American Government. 1999. *Toxics Use Reduction Program*. Commonwealth of Massachusetts. <a href="http://www.excelgov.org/innovations/innov99/turprog.htm">http://www.excelgov.org/innovations/innov99/turprog.htm</a>
- Interagency Environment Technologies Office. 1995. *National Environmental Technology Strategy*. Washington, D.C. 18 March. (available through <a href="mailto:etstrategy@gnet.org">etstrategy@gnet.org</a>).
- Interlaboratory Working Group on Energy-Efficient and Low-Carbon Technologies. 2000. *Scenarios for a Clean Energy Future*. Washington, DC: U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy (forthcoming).
- International Energy Agency (IEA). 1995. Energy Prices and Taxes. 3rd Quarter.
- Investor Responsibility Research Center. 1993 Corporate Environmental Profiles Directory: Executive Summary and Appendices. 1.
- Jaeger, William. 2000. "Optimal Environmental Taxation." working paper, University of Oregon and Williams College departments of economics. <a href="http://www.williams.edu/Economics/Jaeger/">http://www.williams.edu/Economics/Jaeger/</a>
- Jenkins, Glenn P. and Ranjit Lamech. 1992. Fiscal Policies to Control Pollution: International Experience. Harvard Institute for International Development Discussion Paper No. 439. Taxation Research Series No. 5. November. <a href="http://www.hiid.harvard.edu/">http://www.hiid.harvard.edu/</a>
- Johnson, Edwin. 1967. "A Study in the Economics of Water Quality Management." *Water Resources Research*. 3.
- Joskow, Paul, Richard Schmalensee, and Elizabeth Bailey. 1998. "The Market for Sulfur Dioxide Emissions." *American Economic Review*. 88(4) 669-685.
- Kanazawa, Mark T. 1994. "Water Subsidies, Water Transfers, and Economic Efficiency." *Contemporary Economic Policy*. vol. 12. April.
- Kappas, Peter. 1999. "When Is Industry Self-Regulation Meaningful." presented at 1999 APPAM conference. Washington D.C.
- Kashmanian, Richard, Mahesh Podar, Mark Luttner, and Robert Graff. 1995. "The Use and Impact of Intraplant Trading in the Iron and Steel Industry to Reduce Water Pollution." *The Environmental Professional*. 17: 309-315.
- Katzen, Sally. 1996. Unpublished memorandum for members of the Regulatory Working Group with an Economic Analysis of Federal Regulations Under Executive Order No. 12866. Office of Management and Budget. January.
- Keller, Richard. 1993. Unpublished memorandum on state and local procurement of recycled products. Northeast Maryland Waste Disposal Authority. 19 February.
- Kennedy, Victoria S., Stuart I. Bretschneider, John E. Petersen, Myung-Jae Moon, Todd A. Nash, and Jason Gross. 1995. *Fee-Based Models for Funding Water Quality Infrastructure*. Draft Final Report prepared by the Environmental Finance Center, Syracuse University Maxwell School of Citizenship and Public Affairs for the Office of Water, U.S. EPA. April.

- Kerr, Suzi C. 1993. "The Operation of Tradable Rights Markets: Empirical Evidence from the United States Lead Phasedown." *New Partnerships: Economic Incentives for Environmental Management*. Anderson and Marshall, eds. Air and Waste Management Association. SP-90. Pittsburgh, PA.
- Kerr, Suzi and David Mare. 1995. *Market Efficiency in Tradable Permit Markets with Transactions Costs: Empirical Evidence from the United States Lead Phasedown*. Draft manuscript. Harvard University: Cambridge.
- Khanna, Madhu, W. Quimio and D. Bojilova. 1998. "Toxic Release Information: A Policy Tool for Environmental Protection." *Journal of Environmental Economics and Management*. 36(3): 243-266.
- Khanna, Madhu and L. Damon. 1999. "EPA's Voluntary 33/50 Program: Impact on Toxics Releases and Economic Performance of Firms." *Journal of Environmental Economics and Management*. 37(1):1-25.
- Khazzoom, Daniel. 1995. "An Econometric Model of the Regulated Emissions for Fuel-Efficient New Vehicles." *Journal of Environmental Economics and Management*. 28: 190-204.
- Kinnaman, Thomas C. and Don Fullerton. 1998. "Garbage and Recycling with Endogenous Local Policy." Memo.
- Kohn, Robert E. 1978. A Linear Programming Model for Air Pollution Control. Cambridge: MIT Press.
- Konar, Shameer and Mark A. Cohen. 1996. "Information as Regulation: The Effect of Community Right to Know Laws on Toxic Emissions." *Journal of Environmental Economics and Management*. 32: 109-124.
- Koomey, J. G., R.C. Cooper, J. A. Laitner, R. J. Markel, and C. Marnay. 1998. *Technology and Greenhouse Gas Emissions: An Integrated Scenario Analysis Using the LBNL–NEMS Model*. LBNL–42054 and EPA 430–R–98–021. Lawrence Berkeley National Laboratory and US Environmental Protection Agency. September. <a href="http://enduse.lbl.gov/Projects/GHGcosts.html">http://enduse.lbl.gov/Projects/GHGcosts.html</a>.
- Krupkick, Alan and Virginia McConnell, with Matt Cannon, Terrell Stoessell and Michael Batz. 2000. Cost-Effective NOx Control in the Eastern United States. Resources for the Future. Discussion Paper 00-18.
- Krupnick, Alan. 1986. "Costs of Alternative Policies for the Control of Nitrogen Dioxide in Baltimore." *Journal of Environmental Economics and Management.* 13: 189-197.
- Laitner, S., K. Hogan and D. Hanson. 1999. "Technology and Greenhouse Gas Emissions: an Integrated Analysis of Policies that Increase Investments in Cost Effective Energy–Efficient Technologies." Proceedings of the Electric Utilities Environmental Conference. Tucson, CA. January.
- Larson, Walt. 1996. Personal communication. California Department of Toxic Substances Control. May.
- Lentz, James M. and Patricia Leyden. 1996. "RECLAIM: Los Angeles' New Market-Based Smog Cleanup Program." *Journal of the Air & Waste Management Association*: 195-206.
- Limouze, Richard. 1996. Personal communication. Maine Air Quality Bureau.
- Linsenbigler, Michael. 1996. Personal communication. USDA Economic Research Service. July.
- Liroff, Richard. 1986. *Reforming Air Pollution Regulation: The Toil and Trouble of EPA's Bubble*. Washington, D.C.: The Conservation Foundation.
- Loeb, Alan P. 1996. A Short History and Analysis of the Lead Phasedown Lead Credit Market. Argonne National Laboratories. Washington, D.C. 1 September.
- Louisiana Department of Environmental Quality. 1995. *DEQ Announces Programs to Aid Tire Dealers and Tire Processors*. Internet press release. 25 January.

- Lucas, Tom. 1996. Personal communication. New Jersey Taxation Division's Special Audit Section.
- Maabs-Zeno, Carl C. 1981. "Design of Programs Using Transferable Development Rights to Preserve Farmland in the Northeast." *Journal of the Northeastern Agricultural Economics Council*. 10: 57-62.
- Maine Legislature Office of Policy and Legal Analysis. 1996. Final Report of the Task Force to Review the Beverage Container Deposit Laws. January.
- Maloney, Michael T. and Bruce Yandell. 1984. "Estimation of the Cost of Air Pollution Control Regulation." *Journal of Environmental Economics and Management.* 11.
- Marine Spill Response Corporation. <a href="http://www.msrc.org/">http://www.msrc.org/</a>
- Martin, Russ. 1994. "Avoiding the Stick: Improving Recycling Through Market Forces." *BioCycle*. October.
- Massachusetts Department of Environmental Protection. 1994. *Massachusetts Toxics Use Reduction Program: 1994 Data Release*.
- Mayes, Donna Purcell. 1996. Personal communication. Virginia Department of Transportation. May.
- McCarthy, James E. 1993. *Bottle Bills and Curbside Recycling: Are They Compatible?* Congressional Research Service. January.
- McLean, Brian. 1996. "Evolution of Marketable Permits: The US Experience with Sulfur Dioxide Trading."
- McGartland, Albert M. 1984. *Marketable Permit Systems for Air Pollution Control: An Empirical Study*. Ph.D. Dissertation. University of Maryland.
- Menell, Peter S. 1995. "The Uneasy Case for Ecolabelling." RECIEL. 4(4).
- Michigan Air Emission Trading Program. http://www.deq.state.mi.us/aqd/eval/e trade/etbank.html
- Micozzi, Martine. 1996. Personal communication. Transportation Specialist. Federal Highway Administration. May.
- Mikrut, Joe. 1996. Personal communication. U.S. Congress Joint Committee on Taxation. July.
- Miller, Edgar M. National Recycling Coalition. Undated. *Economic Policy Options to Achieve Sustainable Resource Utilization and Environmental Quality Goals Relative to Resource Management and Waste Reduction*. Report submitted to Economic Policy Cluster, Eco-Efficiency Task Force, President's Council on Sustainable Development.
- Miranda, Marie Lynn and Joseph E. Aldy. 1996. *Unit Pricing of Residential Municipal Solid Waste: Lessons from Nine Case Study Communities*. Report prepared for Office of Policy, Planning and Evaluation, U.S. Environmental Protection Agency. EE-0306. March. <a href="http://www.epa.gov/economics.">http://www.epa.gov/economics.</a>
- Miranda, Marie Lynn, Scott D. Bauer, and Joseph E. Aldy. 1995. *Unit Pricing Programs for Residential Municipal Solid Waste: An Assessment of the Literature*. Report prepared for Office of Policy, Planning and Evaluation, U.S. Environmental Protection Agency. EE-0305. August. http://www.epa.gov/economics.
- Mooney, Saskia. 1996. Personal communication. Weinberg, Bergeson & Neuman. April.
- Moore, Robert. 2000. "Nitrogen Credit Trading in the Long Island Sound Watershed." Water Research Economics Foundation (97-IRM-5B).
- Morandi, Larry, Deb Starkey, and Addie Romero. 1995. *Alternative Funding Mechanisms for State Drinking Water Programs*, 1994-1995. National Conference of State Legislatures. March.

- Morgenstern, Richard D. 1997. *Economic Analyses at EPA: Assessing Regulatory Impact*. Washington D.C. Resources for the Future.
- Morgenstern, Richard. 1995. *Environmental Taxes: Dead or Alive?* Resources for the Future. Discussion Paper No. 96-03. October. <a href="http://www.rff.org/disc\_papers/PDF\_files/9603.pdf">http://www.rff.org/disc\_papers/PDF\_files/9603.pdf</a>.
- Muller, Frank. March 1996. "Mitigating Climate Change: The Case for Energy Taxes." *Environment*. 38(2).
- Musgrave, Warren. 1995. "Interstate Water Management: The Case of the Murray-Darling Basin in Australia." Water Quantity/Quality Management and Conflict Resolution: Institutions, Processes, and Economic Analyses. Dinar, Ariel and Edna Tusak Loehman, eds. Prager. Westport, Connecticut and London.
- NAPA (National Academy of Public Administration). 2000. *environment.gov, Transforming Environmental Protection for the 21<sup>st</sup> Century*. Washington D.C. November. <a href="http://www.napawash.org/NAPA/NewNAPAHome.nsf/64d8f1d54bd9b146852564ff00048cc7/6a4ccda68a00fa6485256999006c4c45?OpenDocument">http://www.napawash.org/NAPA/NewNAPAHome.nsf/64d8f1d54bd9b146852564ff00048cc7/6a4ccda68a00fa6485256999006c4c45?OpenDocument</a>.
- National Environmental Policy Act (NEPA) of 1969. <a href="http://ceq.eh.doe.gov/nepa/regs/nepa/nepaeqia.htm">http://ceq.eh.doe.gov/nepa/regs/nepa/nepaeqia.htm</a>.
- NOAA (National Oceanic and Atmospheric Administration). 1966. *Natural Resource Damage Assessments: Final Rule.* 61 Federal Register 440-510.
- NOAA. 1996. The Damage Assessment and Restoration Program. http://www.darp.noaa.gov/.
- Nestor, Deborah and Michael Podolsky. 1998. "Assessing Incentive-Based Environmental Policy for Reducing Solid Waste." *Contemporary Economic Policy* 401-411.
- New Jersey Department of Health and Senior Services. 1984. Worker and Community Right to Know Program. http://www.state.nj.us/health/eoh/rtkweb/.
- New Jersey Department of Transportation. 1996. Adopt-A-Highway National Survey. January.
- New Jersey Emission Trading Program. <a href="http://www.state.nj.us/dep/agm/omet/">http://www.state.nj.us/dep/agm/omet/</a>.
- Nichols, Albert L. 1983. "The Regulation of Airborne Benzene." *Incentives for Environmental Protection*. Thomas C. Schelling, ed. Cambridge: MIT Press.
- North Carolina Department of Environment, Health, and Natural Resources. Undated document on white goods and scrap tires. <a href="http://wastenot.ehnr.state.nc.us/SWHOME/grants.txt">http://wastenot.ehnr.state.nc.us/SWHOME/grants.txt</a>.
- North Carolina State Law 1998-24. "White Goods Disposal Tax."
- Novello, Daniel and Robert Martineau Jr. 1993. "Better Earlier Than Later: EPA's Air Toxics 'Early Reductions' Program." *Environment Reporter* 401.
- Nutrientnet. http://www.nutrientnet.org.
- Oates, Wallace E., Paul R. Portney, and Albert M. McGartland. 1989. "The Net Benefits of Incentive-Based Regulation: A Case Study of Environmental Standard Setting." *American Economic Review*. 75:1223-1242.
- Oates, Wallace. 1994. "Environment and Taxation: The Case of the United States." *Environment and Taxation: The Cases of the Netherlands, Sweden and the United States.*" Paris: OECD.
- OSHA (Occupational Safety and Health Administration). 1983. *Hazard Communication Standards*. 29 CFR 1910.1200. <a href="http://www.osha-slc.gov/OshStd\_data/1910\_1200.html">http://www.osha-slc.gov/OshStd\_data/1910\_1200.html</a>.

- OSHA. 1996. Report of the Hazard Communication Workgroup to the National Advisory Committee on Occupational Safety and Health (NACOSH). September. <a href="http://www.osha-slc.gov/SLTC/hazardcommunications/wgfinal.html">http://www.osha-slc.gov/SLTC/hazardcommunications/wgfinal.html</a>.
- Oklahoma Department of Transportation. 1994. Adopt-A-Highway National Survey.
- OMB (Office of Management and Budget). 1996. *Economic Analysis of Federal Regulations*. Executive Order 12866. 11 January. <a href="http://www.whitehouse.gov/OMB/inforeg/riaguide.html">http://www.whitehouse.gov/OMB/inforeg/riaguide.html</a>.
- OMB. 2000. *Guidelines to Standardize Measures of Costs and Benefits and the Format of Accounting Statements*. 22 March. <a href="http://library.whitehouse.gov/media/pdf/m00-08.pdf">http://library.whitehouse.gov/media/pdf/m00-08.pdf</a>.
- O'Neil, William B. 1980. *Pollution Permits and Markets for Water Quality*. Ph.D. Dissertation. University of Wisconsin-Madison.
- O'Neil, William B. 1983. "Transferable Discharge Permits Trading Under Varying Stream Conditions: A Simulation of Multiperiod Permit Market Performance on the Fox River, Wisconsin." *Water Resources Research*. 19: 608-612.
- Opaluch, James J. and Richard Kashmanian. 1985. "Assessing the Viability of Marketable Permit Systems: An Application in Hazardous Waste Management." *Land Economics*. 61: 441-47.
- Organization for Economic Cooperation and Development (OECD). 1989. *Economic Instruments for Environmental Protection*.
- Organization for Economic Cooperation and Development (OECD). 1994a. *Managing the Environment: The Role of Economic Instruments*.
- Orr, Joanne S. 1996. Personal Communication. Oklahoma Department of Transportation. May.
- Osborn, C. Tim, Daniel Hellerstein, C. Matthew Rendleman, Marc Ribaudo, and Russ Keim. 1994. *A Preliminary Assessment of the Integrated Crop Management Practice*. USDA Economic Research Service. February.
- Osborn, C. Tim, Felix Llacuna, and Michael Linsenbigler. 1995. *The Conservation Reserve Program:* Enrollment Statistics for Signup Periods 1-12 and Fiscal Years 1986-93. USDA Economic Research Service. Statistical Bulletin 925. November.
- Osborn, C. Tim. 1996. Personal Communication. USDA Economic Research Service.
- Ozone Transport Commission. 2000. 1999 OTC NOx Budget Compliance Report.
- Palmer, Karen L, Hilary Sigman, Margaret A. Walls, Ken Harrison, and Steve Palmer. 1995. *The Cost of Reducing Municipal Solid Waste: Comparing Deposit-Refunds, Advance Disposal Fees, Recycling Subsidies, and Recycling Rate Standards*. Resources for the Future. Discussion Paper No. 95-33. July. <a href="http://www.rff.org/disc">http://www.rff.org/disc</a> papers/abstracts/9533.htm.
- Palmisano, John. 1994. "Environmental Fees in Russia." New Partnerships: Economic Incentives for Environmental Management. Air and Waste Management Association.
- Parker, Bill. 1996. Personal Communication. Florida Department of Environmental Protection. May.
- Parry, Ian W.H. and Antonio Miguel Bento. 1999. *Tax Deductible Spending, Environmental Policy, and the 'Double Dividend' Hypothesis*. Resources for the Future. Discussion Paper No. 99-24.
- Parry, Ian. 2000. *Comparing the Efficiency of Alternative Policies for Reducing Congestion*. Resources for the Future. Discussion Paper 00-28. <a href="http://www.rff.org/disc\_papers/PDF\_files/0028.pdf">http://www.rff.org/disc\_papers/PDF\_files/0028.pdf</a>.
- Paton, Bruce. 1999. "Resources as Capital: Insights on Efficiency Gains from Voluntary Environmental Policies." a working paper for the European Research Network on Voluntary Approaches (CAVA). <a href="http://www.akf.dk/cava/wp.htm">http://www.akf.dk/cava/wp.htm</a>.

- Pennsylvania Department of Environmental Protection (DEP). Undated. *Land Recycling Fact Sheet 8:* Financial Assistance (Grants and Loans). http://www.dep.state.pa.us/dep/deputate/airwaste/wm/landrecy/facts/fs8.htm.
- Pennsylvania DEP. Undated a. *Pennsylvania's Land Recycling Program: Six-Month Progress Report.* http://www.dep.state.pa.us/dep/deputate/airwaste/wm/landrecy/facts/6monrpt.htm.
- Pennsylvania DEP. Undated b. *Emission Reduction Credit Registry System*. <a href="http://www.dep.state.pa.us/dep/deputate/airwaste/aq/permits/ercmain.htm">http://www.dep.state.pa.us/dep/deputate/airwaste/aq/permits/ercmain.htm</a>.
- Pennsylvania DEP. Undated c. *Pennsylvania's Land Recycling Program*. http://www.dep.state.pa.us/dep/deputate/airwaste/wm/landrecy/default.htm.
- Pennsylvania DEP. Undated d. *Fact Sheet: Overview Of The Land Recycling Program*. <a href="http://www.dep.state.pa.us/dep/subject/pubs/arr/lrwm/fs1843.pdf">http://www.dep.state.pa.us/dep/subject/pubs/arr/lrwm/fs1843.pdf</a>.
- Pennsylvania DEP. 2000. Land Recycling Program Evaluation of Effectiveness January 2000 Legislative Report. http://www.dep.state.pa.us/dep/deputate/airwaste/wm/landrecy/facts/Leg\_Rpt.htm.
- Perkins, Jody. 1995. Subsidies to Alternative Transportation Fuels and Alternative Fuel Vehicles in Twelve Eastern States and the District of Columbia. American Petroleum Institute Research Study 080. September. <a href="http://www.api.org/cat/">http://www.api.org/cat/</a>.
- Pine, J. 1997. "Louisiana Environmental Leadership Pollution Prevention Program." 1997 Toxics Release Inventory and Right-to-Know Conference Proceedings. pp. 61-63. EPA/749-R-98-001. Washington, D.C.: EPA.
- Pollution Prevention Act of 1990. 42 U.S.C. 1301. http://www.epa.gov/opptintr/p2home/uscode.htm.
- Portney, Paul. 1990. "Economics and the Clean Air Act." *Journal of Economic Perspectives*. 4(4): 173-181. Fall.
- President Bill Clinton and Vice President Al Gore. 1995. *Reinventing Environmental Regulation*. <a href="http://www.npr.gov/library/rsreport/251a.html">http://www.npr.gov/library/rsreport/251a.html</a>
- President's Council on Sustainable Development. 1996. Report. March. <a href="http://www.whitehouse.gov/PCSD/Publications/index.html">http://www.whitehouse.gov/PCSD/Publications/index.html</a>.
- Project 88: Harnessing Market Forces to Protect Our Environment: Initiatives for the New President. Study sponsored by Senators Timothy E. Wirth and John Heinz.
- Project 88: Round II: Incentives for Action: Designing Market-Based Environmental Strategies. Study sponsored by Senators Timothy E. Wirth and John Heinz.
- Putnam, Hayes & Bartlett, Inc. 1981. Evaluation of the Potential Cost Impact of Plantwide Effluent Limitations (The Water Bubble Concept). Prepared for the Office of Policy, Planning and Evaluation, U.S.EPA.
- Quinn, Barbara. 1996. "Ten Years Later, The Awards, and Rewards, Keep Coming." *Pollution Engineering*. March.
- Quinn, James J. 1992. *Water Quality Management: Policy and Practice in Selected Countries*. American Petroleum Institute. Discussion Paper No. 072. March. <a href="http://www.api.org/cat/">http://www.api.org/cat/</a>.
- Raffle, Bradley I. and Debra F. Mitchell. 1993. *Effective Environmental Strategies: Opportunities for Innovation and Flexibility under Federal Environmental Law.* Chicago: AMOCO.
- Reese, Andrew J. 1996. "Storm-Water Utility User Fee Credits." *Journal of Water Resources Planning and Management.* 122(1): 49-56. January/February.

- Rendleman, C. Matthew, Kenneth A. Reinert, and James A. Tobey. 1995. "Market-Based Systems for Reducing Chemical Use in Agriculture in the United States." *Environmental and Resource Economics*. 5: 51-70.
- Repetto, Robert, Roger C. Dower, Robin Jenkins, and Jacqueline Geoghegan. 1992. *Green Fees: How a Tax Shift Can Work for the Environment and the Economy*. World Resources Institute. November.
- Riley, Gwen, John Warren, and Eun-Sook Goidel. 1994. "Assessment of Changes in Reported TRI Releases and Transfers Between 1989 and 1990." *Air and Waste* 44: 769-772.
- Roach, Frederick, Charles Kolstad, Alan V. Kneese, Richard Tobin, and Michael Williams. 1981. "Alternative Air Quality Policy Options in the Four Corners Region." *Southwest Review*. 1:44-45.
- Rolfe, Christopher J. B. 1993. *Using Subsidies to Promote Environmental Protection in Agriculture: A Review of Programs in North America and Europe*. West Coast Environmental Law Association. December. http://yvrww1.pwc.bc.doe.ca/ec/frap/fr-pof.html.
- Rubin, Jonathan and Catherine Kling. 1993. "An Emission Saved is an Emission Earned: An Empirical Study of Emission Banking for Light-Duty Vehicle Manufacturers." *Journal of Environmental Economics and Management*: 257-274. November.
- Ruffing, Kenneth G. 1995. "Setting Consumption as a Global Agenda." Unpublished document presented at Policy Measures for Changing Consumption Patterns conference. Seoul. <a href="http://www.ksdn.or.kr/index">http://www.ksdn.or.kr/index</a> e.htm?.
- Rusin, Michael, Robert C. Anderson, Thomas J. Lareau, G. Prasad Rao, and Arthur Wiese. 1996. *Analysis of the Costs and Benefits of Regulations: A Review of Historical Experience*. American Petroleum Institute Discussion Paper No. 084. June.
- Schiff, Stanley D. Undated. *Real World Experience with TDRs An Update*. Piedmont Environmental Council. Warrenton VA.
- Schmutzler, Armin and Lawrence Goulder. 1977. "The Choice between Emission Taxes and Output Taxes Under Imperfect Modeling." *Journal of Environmental Economics and Management*. 32: 51-64.
- Scientific Certification Systems. Various documents.
- Scientific Consulting Group (SCG). 1997. Review of the Common Sense Initiative. Gaithersburg, Maryland.
- Scrap Tire News Legislative Report. 1996. "Scrap Tire Laws and Regulations." January.
- Selmi, Daniel P. 1994. "Transforming Economic Incentives From Theory to Reality: The Marketable Permit Program of the South Coast Air Quality Management District." *Environmental Law Reporter*: 195-206.
- Sendak, Paul E. 1995. "The Role of Economic Incentives in Conserving Wildlife Habitat." Paper presented at IUFRO XX World Congress, Wildlife and its Habitats. August.
- Seskin, Eugene, Robert J. Anderson, and R. Reid. 1983. "An Empirical Analysis of Economic Strategies for Controlling Air Pollution." *Journal of Environmental Economics and Management*. 10: 112-124.
- Shabman, Leonard and Kurt Stephenson. 1998. "Nitrogen Allowance Trading for Point Sources in the Connecticut Region of the Long Island Sound Watershed." Department of Agricultural and Applied Economics, Virginia Tech, Blacksburg.
- Shapiro, Michael and Ellen Warhit. 1983. "Marketable Permits: The Case of Chlorofluorocarbons." *Natural Resources Journal*. 23: 577-591.

- Sidhu, Ranjit. 1993. *Current Status of Watershed Management in the United States*. American Petroleum Institute. Discussion Paper No. 074. November. <a href="http://www.api.org/cat/">http://www.api.org/cat/</a>.
- Sierra Research, Inc. 1995. Institutional Support Programs for Alternative Fuels and Alternative Fuel Vehicles in California. April.
- Sigman, Hilary. 1994. "State Hazardous Waste Fees: An Assessment." New Partnerships: Economic Incentives for Environmental Management. Air and Waste Management Association.
- Sigman, Hilary. 1995. "A Comparison of Public Policies for Lead Recycling." *RAND Journal of Economics*. 26(3): 452-478. Autumn.
- Sigman, Hilary. 1996. "The Effects of Hazardous Waste Taxes on Waste Generation and Disposal." *Journal of Environmental Economics and Management*. 30(2). March.
- Sims, William A. 1977. *Economics of Sewer Effluent Charges*. Ph.D. Thesis, Political Economy. University of Toronto.
- Skelton, Eric P. 1994. "Small Scale Marketable Permits Programs: Grass Field Burning and Wood Stove Permits." *New Partnerships: Economic Incentives for Environmental Management*. Pittsburgh: Air & Waste Management Association.
- Skumatz, Lisa and Phillip Zach. 1993. "Community-Level Adoption of Variable Rates: An Update." *Resource Recycling*.
- Skumatz, Lisa A. 1994. "Pay as You Throw: Variable Rate Incentives in Solid Waste Management." *New Partnerships: Economic Incentives for Environmental Management*. Air and Waste Management Association.
- Skumatz, Lisa A. 1995. "Continued Growth for Variable Rates." BioCycle. November.
- Skumatz, Lisa A. 1996. *Economic Research Associates*. Unpublished memorandum to whom it may concern. 21 March.
- Smith, Bucklin and Associates, Inc. 1995. 1994 National Recycling Rate Study. Prepared for Battery Council International. November.
- Smith, Stephen. 1995. "Green" Taxes and Charges: Policy and Practice in Britain and Germany. The Institute for Fiscal Studies. November. <a href="http://www.ifs.org.uk/">http://www.ifs.org.uk/</a>.
- South Coast Air Quality Management District (SCAQMD). 1992. *Regional Clean Air Incentives Market*. Diamond Bar, CA.
- South Coast Air Quality Management District (SCAQMD). *Rule 301: Permit Fees*, as amended May 10, 1996. www.aqmd.gov/rules/html/r301.html.
- South Coast Air Quality Management District (SCAQMD). *Rule 303: Hearing Board Fees*, as amended May 10, 1996. www.agmd.gov/rules/html/r303.html.
- South Coast Air Quality Management District (SCAQMD). *Rule 1610. Old-Vehicle Scrapping*. <a href="http://www.aqmd.gov/rules/doc/r1610.doc">http://www.aqmd.gov/rules/doc/r1610.doc</a>.
- South Coast Air Quality Management District (SCAQMD). 1998. *RECLAIM Program*, Three-Year Audit and Progress Report.
- Spofford, Walter O., Jr. 1984. Efficiency Properties for Alternative Source Control Policies for Meeting Ambient Air Quality Standards: An Empirical Application to the Lower Delaware Valley. Resources for the Future. Discussion Paper No. D-118.
- Stavins, Robert. 2000. *Experience with Market-Based Environmental Policy Instruments*. Resources for the Future. Discussion Paper No. 00-09. <a href="http://www.rff.org/disc\_papers/PDF\_files/0009.pdf">http://www.rff.org/disc\_papers/PDF\_files/0009.pdf</a>.

- Stein, Rafael. 1996. Personal communication. Environmental Protection Agency.
- Sterner, Thomas and Lena Hoglund. 2000. "Output-Based Refunding of Emission Payments: Theory, Distribution of Costs, and International Experience." Resources for the Future Discussion Paper 00-29. http://www.rff.org/disc\_papers/PDF\_files/0029.pdf.
- Steuteville, Robert. 1995. "BioCycle Nationwide Survey: The State of Garbage in America." *BioCycle*. May.
- Surface Mining Control and Reclamation Act. 1977. http://www.osmre.gov/smcra.htm.
- Takemoto, Carla. 1996. Personal communication. California Air Resources Board.
- Temple, Barker & Sloane. 1981. *The Effect of the Water Bubble Policy on Individual Iron and Steel Facilities*. Prepared for the U.S. EPA.
- Texas Natural Resource Conservation Commission (TNRCC). 1994. *Marketable Permits: Final Report Grant Period 1993-1994*. Austin.
- Texas Natural Resource Conservation Commission (TNRCC). 2000. http://www.teea.org/home.htm.
- Thorning, Margo. 1992. *International Comparison of the Tax Treatment of Pollution-Control Investment*. American Council for Capital Formation. Center for Policy Research. February.
- Tietenberg, Thomas H. 1985. *Emissions Trading: An Exercise in Reforming Pollution Policy*. Resources for the Future.
- Tietenberg, T. H. 1990. "Economic instruments for Environmental Protection." *Oxford Review of Economic Policy*. 6:17-33.
- Tolman, Jonathan. 1995. Federal Agricultural Policy: A Harvest of Environmental Abuse. Competitive Enterprise Institute. August.
- Trombly, Jeanne. 1995. "Credit where credit is due: Targeted loan funds for recycling." *Resource Recycling*. June.
- U.S. Coast Guard. Natural Resource Damage Claims Division. <a href="http://www.uscg.mil/hq/npfc/nrd.htm">http://www.uscg.mil/hq/npfc/nrd.htm</a>.
- USDA (U.S. Department of Agriculture). 1994a. *Agricultural Resources and Environmental Indicators*. Economic Research Service Agricultural Handbook 705. December.
- USDA. 1994b. Forest Service. *Debt for Nature Swaps and Alternative Financial Instruments for Financing Environmental Programs*. International Forestry Issue Brief No. 9. September. <a href="http://www.fs.fed.us/global/">http://www.fs.fed.us/global/</a>.
- USDA. 1996a. "1996 Grazing Fees Announced." Internet press release. January.
- USDA. 1996b. "1996 Farm Bill Press Release." April.
- USDA. 2000. *Agricultural Resources and Environmental Indicators*. Economic Research Service. <a href="http://www.ers.usda.gov/briefing/arei/newarei/index.htm">http://www.ers.usda.gov/briefing/arei/newarei/index.htm</a>.
- USDA/FAS. CRP State CREP Information. http://www.fsa.usda.gov/dafp/cepd/crep/crepstates.htm.
- U.S. Department of the Interior. 1995. *CERCLA Natural Resource Damage Assessment Regulations*. Office of Environmental Policy and Compliance. http://www.doi.gov/oepc/frlist.html.
- U.S. Department of the Interior. 1996. *Natural Resource Damage Assessment Regulations*. 43 CFR PART 11 (1995), Amended at 61 Fed. Reg. 20609. 7 May. <a href="http://www.doi.gov/oepc/wp\_docs/43cfr11.html">http://www.doi.gov/oepc/wp\_docs/43cfr11.html</a>.

Vice President Gore. 1999. "Vice President Gore And Premier Zhu Rongji Announce Environmental Agreements at U.S.-China Policy Forum on Environment and Development." Press release. April 9. http://www.pub.whitehouse.gov/uri-res/I2R?urn:pdi://oma.eop.gov.us/1999/4/12/8.text.1

Virginia Department of Environmental Quality. 1996. *Waste Tire Program*. January. <a href="http://www.deq.state.va.us/wastetires/">http://www.deq.state.va.us/wastetires/</a>.

Virginia Department of Environmental Quality. *Waste Tire Management Program*. <a href="http://www.deq.state.va.us/wastetires/">http://www.deq.state.va.us/wastetires/</a>.

Virginia Department of Transportation. Various documents on adopt-a-highway program.

Wall Street Journal. various issues.

Ward, Kevin and John Duffield. 1992. *Natural Resource Damages: Law and Economics*. New York: John Wiley & Sons.

Ward, Rebecca. 1996. Personal Communication. Scientific Certification Systems. May.

Warmer Bulletin. 1996. February. http://www.residua.com/index.html.

Weil, Edward. 1996. Personal Communication. California Deputy Attorney General.

Weinberg, Bergeson & Neuman. 1996. Summary of State Lead-Acid Battery Recycling Law. 8 April.

Weitzman, Martin. 1974. "Prices vs. Quantities." Review of Economic Studies. 41: 477-491.

Wellman Inc. 1994. PET Recycling Supply/Demand Analysis. December.

White, Lucinda. 1996. Personal Communication. Maine Assistant Attorney General.

White House. 1993. Climate Change Action Plan. October.

Whitehouse, Edward. 1996. "Tax Expenditures and Environmental Policy." *Subsidies and Environment: Exploring the Linkages.* OECD.

Widawsky, David. 2000. Personal communication. Office of Pesticide Programs. October 2.

Williams, Susan. 1999. "Something New Under the Sun: The SEC and Corporate Disclosure." Environmental Forum.

Wisconsin Department of Natural Resources. Undated. *Wisconsin's Newspaper Recycled Content Requirements: 1994 Update.* 

Wisconsin Department of Natural Resources. 1993. Order of the State of Wisconsin Natural Resources Board Creating Rules in the Matter of Creating Ch. NR 546 of the Wisconsin Administrative Code Pertaining to Newspaper Recycling Fee.

Wolf, S. 1986. "Fear and Loathing About the Public Right to Know: The Surprising Success of the Emergency Planning and Community Right-to-Know Act." *Journal of Land Use & Environmental Law.* 11 Spring.

World Bank. 1992. World Development Report 1992: Development and the Environment.

Yellen, Janet. 1998. "The Economic Impact of Kyoto." Testimony given before the House of Representatives Commerce Committee. March 4.

Young, C. Edwin and C. Tim Osborn. 1990. *The Conservation Reserve Program: An Economic Assessment*. USDA Economic Research Service AER-626. February.

Young, Terry F. and Chelsea H. Congdon. 1994. *Plowing New Ground: Using Economic Incentives to Control Water Pollution from Agriculture*. Oakland CA: Environmental Defense Fund.

### The U. S. Experience with Economic Incentives for Protecting the Environment

Zatz, Michael and Shana Harbour. 1999. "The United State's Environmental Protection Agency's 33/50 Program: the anatomy of a successful voluntary pollution reduction program." Journal of Cleaner Production. 7:17-26.

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## **About the Report**

This report has been prepared by the National Center for Environmental Economics in the EPA Office of Policy, Economics, and Innovation, which is a part of the Office of the Administrator. It builds on two previous reports (Carlin, 1992, and Anderson and Lohof, 1997) with similar titles. This report both updates and substantially expands on the United States portions of these earlier reports and was authored by Robert C. Anderson. The report has been extensively revised as a result of reviews by many EPA staff both inside and outside NCEE for both policy and technical accuracy. Comments were received from the following EPA offices, among others:

Office of the Administrator:

Office of Policy, Economics, and Innovation

Office of Communications, Education, and Media Relations

Office of Air and Radiation

Office of Enforcement and Compliance Assurance

Office of General Counsel

Office of Prevention, Pesticides and Toxic Substances

Office of Research and Development

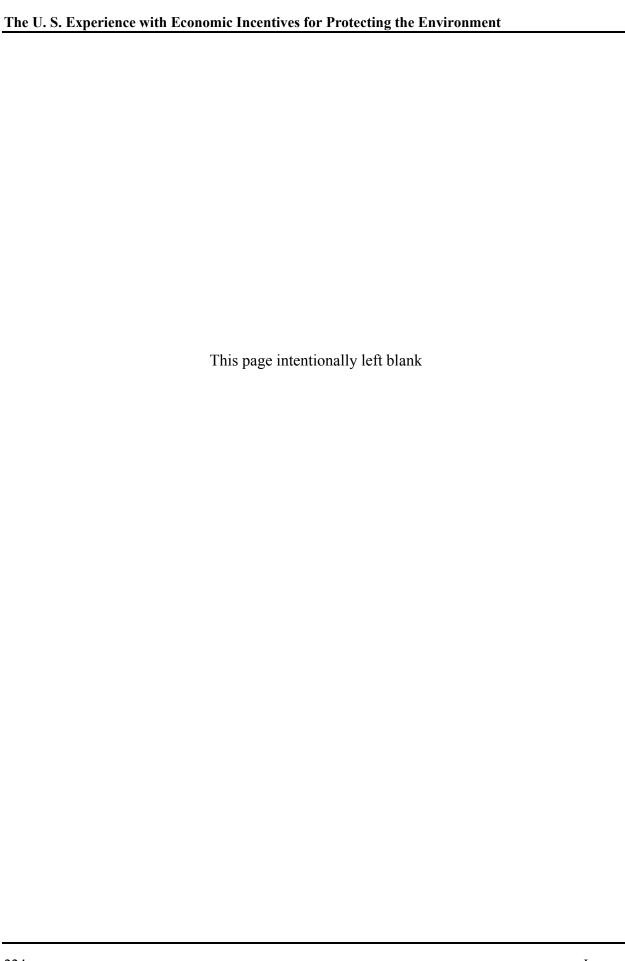
Office of Solid Waste and Emergency Response

Office of Water

Region 10

Graphical, editorial, and typographical assistance was obtained under Work Assignment WA4-24 under EPA Contract 68-W6-0029.

Because of the desirability of making possible future reports in this series as comprehensive as possible, readers who are aware of interesting applications of incentive mechanisms that they believe should be included in subsequent reports are encouraged to send that information to Alan Carlin (Carlin.alan@epa.gov) at EPA Mailcode 1809, Washington, DC 20460, who served as the principal coordinator for this report.



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#### **Endnotes**

#### Chapter 1

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<sup>1</sup> Carlin. 1992.
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#### Chapter 2

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<sup>4</sup> Project 88.
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#### Chapter 3

- <sup>14</sup> Coase. 1960.
- <sup>15</sup> Sterner and Hoglund. 2000.
- <sup>16</sup> Hahn and Noll. 1982.
- <sup>17</sup> Hahn. 1989.
- <sup>18</sup> Burtraw. 1995; Kerr and Mare. 1995.
- <sup>19</sup> Alberini and Austin. 1999.
- <sup>20</sup> Marine Spill Response Corporation.
- <sup>21</sup> Riley et al. 1994.; Konar and Cohen. 1997.
- <sup>22</sup> Jaeger. 2000.
- <sup>23</sup> EPA calculated ratio from costs estimated in Krupnick study.
- <sup>24</sup> Atkinson and Tietenberg. 1991.
- <sup>25</sup> See Atkinson and Tietenberg. 1991; Dudek and Palmisano. 1998; Hahn. 1989; Hahn and Hester. 1989; Liroff. 1986; Tietenberg. 1985; and Tietenberg. 1990.
- <sup>26</sup> Hahn and Noll. 1982.
- <sup>27</sup> Oates, et al. 1989.
- <sup>28</sup> Oates, et al. 1989.

#### Chapter 4

- <sup>29</sup> Sims. 1977.
- <sup>30</sup> EPA. 1997b, p. 15.
- <sup>31</sup> Gibbons. 1986, pp. 10-11; EPA.. 1991, p. 4-5.
- <sup>32</sup> Morandi, et al. 1995.
- http://www.epa.gov/owm/npdes.htm http://www.epa.gov/owm/wm05000.htm#state
- <sup>35</sup> GAO. 1996a. pp. 1-4.
- <sup>36</sup> Duhl. 1993.
- <sup>37</sup> Limouze. 1996.
- <sup>38</sup> SCAOMD Rule 303.
- <sup>39</sup> Environmental Law Institute. 1993b. p. 22-23.
- <sup>40</sup> Skumatz. 1996. p. 1.
- <sup>41</sup> Skumatz.1996. p. 2.
- <sup>42</sup> Miranda and Aldy. 1996, p. 16.

<sup>&</sup>lt;sup>2</sup> Anderson and Lohof. 1997.

<sup>&</sup>lt;sup>3</sup> Stavins, Robert, 2000; Hahn, Robert, 2000; NAPA, 2000.

<sup>&</sup>lt;sup>5</sup> EPA. 1991.

<sup>&</sup>lt;sup>6</sup> OMB. 1996.

<sup>&</sup>lt;sup>7</sup> OMB. 2000.

<sup>&</sup>lt;sup>8</sup> More detail regarding the tax credits is in Congressional Research Service. 1998.

<sup>&</sup>lt;sup>9</sup> http://www.npr.gov/library/nprrpt/annrpt/wrkcst94/create.html <sup>10</sup> President Bill Clinton and Vice President Al Gore. 1995.

<sup>&</sup>lt;sup>11</sup> EPA. 2000a.

http://es.epa.gov/ncerqa/rfa/

<sup>&</sup>lt;sup>13</sup> Vice President Gore. 1999.

```
<sup>43</sup> Miranda, Bauer, and Aldy. 1995.
44 Kinnaman and Fullerton. 1998.
<sup>45</sup> Skumatz. 1993.
46 Warmer Bulletin. February 1996.
<sup>47</sup> Miranda and Aldy. 1996. p. 19.
<sup>48</sup> Skumatz. 1993.
<sup>49</sup> Skumatz. 1996.
<sup>50</sup> Repetto, et al. 1992.
<sup>51</sup> Skumatz. 1996.
<sup>52</sup> Repetto, et al. 1992.
<sup>53</sup> Miller. Undated.
<sup>54</sup> GAO. 1995a. p. 23.
<sup>55</sup> Hoerner. 1998.
<sup>56</sup> Larson. 1996.
<sup>57</sup> Deyle and Bretschneider. 1990
<sup>58</sup> Hickle. 2000.
<sup>59</sup> Barthold. 1994. p. 146-147.
<sup>60</sup> Fullerton. 1995.
61 http://www.unep.ch/ozone/mp-text.htm
<sup>62</sup> Cook. 1996.
<sup>63</sup> CRA. 1994. p. 72-75.
<sup>64</sup> Cook. 1996. p. 5.
<sup>65</sup> Brown, et al. 2000.
<sup>66</sup> Fullerton. 1995. A7.
<sup>67</sup> DEN. October 5, 1993.
<sup>68</sup> Ackerman. 1994.
<sup>69</sup> Hoerner. 1995.
<sup>70</sup> Grocery Manufacturers of America. 1995.
<sup>71</sup> North Carolina State Law 1998-24.
<sup>72</sup> Environmental Law Institute. 1993b.
<sup>73</sup> Cameron. 1991.
<sup>74</sup> Parry. 2000.
<sup>75</sup> Brooks. 1996.
76 http://www.fhwa.dot.gov/policy/13-hmpg.htm.
http://www.fcn.state.fl.us/gfc/viewing/mitigation/mit_intro.html. Congressional Research Service. 1996.
<sup>79</sup> Executive Order 12548.
<sup>80</sup> Hoerner, 1995.
Chapter 5
<sup>81</sup> Criner, Jacobs, and Peavey. 1991.
82 White, 1996.
83 Cain. 1998.
84 Cited in Criner, Jacobs, and Peavey. 1991.
85 See for example: http://www.economagic.com/em-cgi/data.exe/bci97/lsm023.
<sup>86</sup> Batteese. 1996.
87 As calculated by Batteese. 1996.
<sup>88</sup> Surface Mining Control and Reclamation Act of 1977.
Chapter 6
```

- 89 Crocker. 1966; Dales. 1968.
- <sup>90</sup> Dewees. 1983; Harrison. 1983.
- 91 45 FR 80824. Dec. 8, 1980.
- <sup>92</sup> 45 FR 52676.

```
<sup>93</sup> Hahn and Noll. 1982.
```

- 94 South Coast Air Quality Management District Rule 1610.
- <sup>95</sup> EPA. 1986.
- <sup>96</sup> Hahn and Hester. 1989.
- <sup>97</sup> EPA. 1980.
- 98 Crookshank. 1994.
- 99 Hahn and Hester. 1989.
- 100 EPA. Acid Rain Program web page: http://www.epa.gov/acidrain
- <sup>101</sup> Portney. 1990.
- <sup>102</sup> ICF Resources Inc. 1989.
- <sup>103</sup> Ellerman. 2000. p. 296
- <sup>104</sup> EPA. 1995b.
- 105 Atkeson. 1997.
- <sup>106</sup> Ellerman. 1997.
- <sup>107</sup> Cason. 1995.
- 108 Hausker. 1992.
- <sup>109</sup> Cason. 1995.
- <sup>110</sup> McLean. 1996. p.12.
- <sup>111</sup> Ellerman. 2000.
- <sup>112</sup> EPA. Acid Rain Program. Monthly Average Price of Sulfur Dioxide Allowances Under the Acid Rain Program.
- <sup>113</sup> EPA. 1995b.
- <sup>114</sup> Burtraw. 1998.
- The 1999 allocations include one-time early reduction credits (24,635) in addition to annual allocations.
- 116 Ozone Transport Commission. 2000.
- <sup>117</sup> EPA. 1999b.
- www.unep.ch/ozone/mp-text.htm
- <sup>119</sup> Loeb. 1996.
- 120 Hahn and Hester. 1989.
- <sup>121</sup> Anderson, Rusin, and Hoffman. 1990.
- <sup>122</sup> Kerr. 1993.
- <sup>123</sup> EPA. 1992a.
- <sup>124</sup> EPA. 2000b.
- <sup>125</sup> Tier 1 and Tier 2 emission standards are specified in the Clean Air Act Amendments of 1990 and implemented through EPA regulations. Tier 2 standards will be phased in during the period 2004-2009.
- 126 Rubin and Kling. 1993.
- 127 The harmonic mean is computed as the mean obtained by taking the reciprocal of the arithmetic mean of the reciprocals.
- <sup>128</sup> Green.1990.
- <sup>129</sup> EPA. 1992b.
- 130 Novello and Martineau. 1993.
- <sup>131</sup> South Coast Air Quality Management District. 1998.
- <sup>132</sup> Cantor Fitzgerald.
- <sup>133</sup> EPA. 1995g.
- 134 Michigan Air Emission Trading Program.
- <sup>135</sup> New Jersey Emission Trading Program.
- <sup>136</sup> Pennsylvania Department of Environmental Protection. Emission Reduction Credit Registry System.
- <sup>137</sup> Skelton. 1994.
- <sup>138</sup> Putnam, Hayes & Bartlett. 1981.
- <sup>139</sup> Temple, Barker & Sloane. 1981.
- <sup>140</sup> Amendola, Gary.
- <sup>141</sup> O'Neil. 1983.
- 142 http://www.epa.gov/owow/watershed/trading/traenvrn.pdf
  143 EPA. Office of Water. Total Maximum Daily Load Program.
- <sup>144</sup> EPA. Reinvention Activity Fact Sheets. Effluent Trading in Watersheds.

```
<sup>145</sup> Dahl. 1979.
http://cop6.unfccc.int/modules/none.asp?pageid=16
<sup>147</sup> Yellen, 1998.
Chapter 7
<sup>148</sup> Goldhammer, et al. 1995. p.1-5.
<sup>149</sup> DEN. March 24, 1995. B1-2.
<sup>150</sup> DEN. March 24, 1995.
<sup>151</sup> EPA. 1995c. p. 2-14.
<sup>152</sup> Whitehouse. 1996. p. 74.
<sup>153</sup> Goldstone. 1996.
<sup>154</sup> DEN. January 16, 1996. p. A10.
<sup>155</sup> Pennsylvania DEP. Pennsylvania's Land Recycling Program.
<sup>156</sup> Pennsylvania DEP. Fact Sheet: Overview Of The Land Recycling Program.
<sup>157</sup> Pennsylvania DEP. 2000.
<sup>158</sup> DEN, July 18, 1995. p. B2.
<sup>159</sup> Environmental Law Institute. 1995. p. 76.
<sup>160</sup> GAO. 1995c. p. 13.
<sup>161</sup> GAO. 1995b.
<sup>162</sup> National Research Council. 1993.
<sup>163</sup> Jacobs and Gilliam. 1985.
<sup>164</sup> Haycock and Pinay. 1993.
<sup>165</sup> Huslin. 2000.
<sup>166</sup> USDA. 1994a. p. 182.
<sup>167</sup> Rolfe. 1993. p. 21.
<sup>168</sup> USDA. 1996b.
<sup>169</sup> GAO. 1995c. p. 17-18.
<sup>170</sup> USDA. 1994a. p. 166.
<sup>171</sup> USDA. 1994a. p. 175.
<sup>172</sup> Sendak. 1995. p.5.
<sup>173</sup> DEN. July 14, 1995.
<sup>174</sup> Sendak. 1995.
<sup>175</sup> DEN. May 2, 1995. B1.
<sup>176</sup> DEN. November 14, 1995. B5.
<sup>177</sup> Virginia Department of Environmental Quality. Waste Tire Management Program.
178 Steuteville. 1995.
<sup>179</sup> Beverage World Databank.
<sup>180</sup> Bonderud and Shanovich. 1995. p. 11-32.
<sup>181</sup> California EPA. 1996b.
<sup>182</sup> Steuteville. 1995.
<sup>183</sup> Beverage World Databank.
<sup>184</sup> Hendricksen. 1996.
<sup>185</sup> Whitehouse. 1996. p. 74.
<sup>186</sup> DOE. 1996.
<sup>187</sup> Sierra Research. 1995.
<sup>188</sup> DEN. September 26, 1995, p. 25.
<sup>189</sup> Environmental Law Institute. 1993b.
190 http://www.hud.gov/progdesc/energy-r.html
191 EPA. The Clean Water State Revolving Fund (SRF) Program.
<sup>192</sup> Freeman. 1990. p. 100-101.
<sup>193</sup> Freeman. 1990, p. 138.
<sup>194</sup> EPA. 1995a.
```

<sup>195</sup> EPA. 1999a. <sup>196</sup> EPA. 1995a.

```
http://www.epa.gov/oppfead1/annual/1994/94annual.pdf
http://www.epa.gov/oppfead1/trac/tracpps3.htm
```

#### **Chapter 8**

- <sup>200</sup> Alberini and Austin. 1999b.
- <sup>201</sup> Some firms cite expected future liability for clean-up costs as one of the costs of hazardous waste disposal. For example, see EPA. June 1994a.
- <sup>202</sup> U.S. Department of the Interior. CERCLA Natural Resource Damage Assessment Regulations.
- <sup>203</sup> NOAA. 1996.
- <sup>204</sup> U.S. Department of the Interior. 1996.
- <sup>205</sup> U.S. Coast Guard.

#### **Chapter 9**

- <sup>206</sup> National Environmental Policy Act (NEPA) of 1969.
- <sup>207</sup> Council on Environmental Quality.
- <sup>208</sup> EPA. 2000d.
- <sup>209</sup> The annual reportable amount is equal to the combined total quantities recycled, combusted for energy recovery. treated, or released.
- <sup>210</sup> 59 FR 61501. November 30, 1994.
- <sup>211</sup> www.epa.gov/tri/dq.htm.
- <sup>212</sup> GAO. 1994a. p. 14.
- <sup>213</sup> Khanna et al. 1998.
- <sup>214</sup> EPA. 1995c. p. 3.
- <sup>215</sup> Wall Street Journal. June 27, 1996. p. B12.
- Aurora and Cason. 1995. p. 9.
- <sup>217</sup> EPA. 1996c. p. 2.
- <sup>218</sup> EPA. 1998a.
- <sup>219</sup> Innovations in American Government. 1999.
- <sup>220</sup> New Jersey Department of Health and Senior Services. 1984.
- <sup>221</sup> 65 FR 4451, August 19, 1998. See also <a href="http://www.epa.gov/safewater/ccr1.html">http://www.epa.gov/safewater/ccr1.html</a>
- http://www.yosemite.epa.gov/ogwdw/ccr.nsf/America?OpenView
- http://www.epa.gov/autoemissions
- http://www.epa.gov/enviro/index java.html
- http://es.epa.gov/oeca/sfi/
- http://es.epa.gov/oeca/sfi/frjun00.htm
- <sup>227</sup> California. 1986.
- <sup>228</sup> California EPA. 2000.
- <sup>229</sup> California Attorney General's Office. 1996.
- <sup>230</sup> Helfand. 1994. p. 289.
- <sup>231</sup> EPA. 1994a. p. 29.
- <sup>232</sup> Helfand. 1994. p. 291.
- <sup>233</sup> Helfand. 1994. p. 293.
- <sup>234</sup> California Air Resources Board. Air Toxics "Hot Spots" (AB 2588) Program.
- <sup>235</sup> EPA. 1994a. p. 9.
- <sup>236</sup> EPA. 1994a. p. 49.
- <sup>237</sup> EPA. 1996b.
- <sup>238</sup> OSHA. 1983.
- <sup>239</sup> OSHA. September 1996.
- <sup>240</sup> DEN. October 23, 1995. p. A3.
- <sup>241</sup> Green Seal: www.greenseal.org/
- <sup>242</sup> Harris and Casey-McCabe. p. 8.
- <sup>243</sup> EPA. 1994a. p. 13.
- <sup>244</sup> Harris and Casev-McCabe, p. 8.

<sup>&</sup>lt;sup>199</sup> Tolman. 1995.

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EPA. 1993a. p. 118.
EPA. 1993a. p. 145-146.
The studies cited in this paragraph are discussed in EPA (1994a).
Harris and Casey-McCabe. p. 11.
Harris and Casey-McCabe. p. 9.
EPA. 1994a. p. 27-28.
Harris and Casey-McCabe. p. 10.
California. Waste Reduction Awards Program.
TNRCC. 2000.
Quinn. 1996. p. 25.
Williams. 1999.
Investor Responsibility Research Center. p. 11, 61-62. Also: <a href="http://www.irrc.org/">http://www.irrc.org/</a>
Investor Responsibility Research Center. p. 49.
```

#### Chapter 10

- <sup>258</sup> Pollution Prevention Act of 1990.
- <sup>259</sup> White House. October 1993.
- <sup>260</sup> Interlaboratory Working Group on Energy-Efficient and Low-Carbon Technologies. 2000.
- <sup>261</sup> Aurora and Cason. 1995.
- <sup>262</sup> Aurora and Cason. 1995. p. 3-4.
- <sup>263</sup> EPA. Energy Star Buildings. Partner Success Stories.
- <sup>264</sup> EPA. 2000e.
- <sup>265</sup> Energy cost savings are calculated for an upgrade of a 7-story 196,000 square foot office building in Washington DC.
- <sup>266</sup> EPA. 2000e. p. 6.
- <sup>267</sup> EPA. 1999c.
- <sup>268</sup> EPA. 2000c. p. 25.
- <sup>269</sup> EPA. 2000c.
- <sup>270</sup> EPA. 1998b.
- <sup>271</sup> Khanna and Damon. 1999.
- <sup>272</sup> DEN. June 23, 1995. p. E11.
- <sup>273</sup> EPA. Water Alliances for Voluntary Efficiency (WAVE).
- http://www.epa.gov/oms/transp/trancont/vmep-gud.pdf
- http://www.epa.gov/oppbppd1/PESP/
- <sup>276</sup> Chemical Manufacturers Association.
- <sup>277</sup> USEPA. 1999d.